

PROCEEDINGS

OF THE

MALACOLOGICAL SOCIETY OF LONDON.

DESCRIPTIONS OF SEVEN NEW SPECIES OF TERRESTRIAL AND
FLUVIATILE MOLLUSCA FROM THE HADRAMAUT, SOUTH
ARABIA.

By JAMES COSMO MELVILL, M.A., F.L.S., etc., and JOHN HENRY
PONSONBY, F.Z.S., etc.

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PLATE I.

UPON the occasion of their second visit to the Hadramaut (1894-5), Mr. and Mrs. J. Theodore Bent collected a few species of Mollusca, all from a desert region in the neighbourhood of Dhofar, some 800 miles east of Aden, and kindly placed them in our hands for examination.

The specimens were, in great measure, dead shells, but all in a condition to describe; and of the nine or ten different forms included, no less than seven appear new to science, the remaining two or three being *Melanicæ*—*M. tuberculata* and what is possibly a variety of that species, and also *Buliminus Luntii*, Melvill,¹ both juvenile and mature shells.

1. STENOGYRA BENTLÆ, n.sp. Pl. I, Fig. 4.

S. testa cylindrica, attenuata, haud pellucente, recta, pallide ochracea, anfractibus decem, lævigatis, vix ventricosulis, apertura ovata, peristomate simplice, paullum incrassato. Long. 14, lat. 4 mm.

Hab—Dhofar.

A conspicuous shell, pale ochraceous in colour, non-transparent, cylindrical, attenuate, ten-whorled, mouth ovate, lip slightly thickened, simple. Named in honour of the collector, Mrs. Bent.

2. HYALINIA (ARNOULDIA²) EREMIAS, n.sp. Pl. I, Figs. 12-14.

H. testa depresso-conica, anguste umbilicata, corneo-pellucida,

¹ Cf. Proc. Mal. Soc., Vol. I, 1894, p. 224.

² *Conulus*, Fitz., is preoccupied for Echinodermata.

nitida, tenui, anfractibus quatuor, ventricosulis, apud suturas impressis, applanatis, lævissimis, apertura lunata, peristomate tenui simplice, marginem apud columellarem triangulatim reflexo. Long. 3.75, lat. 4.50 mm.

Hab.—Dhofar.

A very pretty shining, depressedly conical, thin, horn-coloured species, narrowly umbilicate, with the whorls uniformly very smooth, slightly swollen, impressed at the sutures, peristome thin, but triangularly reflexed over the columellar margin, mouth lunate in form.

3. ΟΤΟΠΟΜΑ ΔΗΟΦΑΡΕΝΣΕ, n.sp. Pl. I, Figs. 9-11.

O. testa crassiuscula, umbilicata, conica, cinereo-albida, anfractibus quinque vel sex, ventricosis, arcte clathrato-liratis, longitudinaliter indistincte striatulis usque ad medium anfractus ultimi, infra, usque ad basim, lævissima, umbilico profundo sed angusto, apertura rotunda, peristomate continuo, expanso, margine columellari triangulatim reflexo, umbilicum semi-obtegente. Long. 10, lat. 10 mm.

Hab.—Dhofar.

Three specimens, all in dead condition, and almost colourless, but showing the sculpture, etc., very satisfactorily. The shell is conical, somewhat thickened in substance, umbilicated, five or six whorled, closely latticed, and longitudinally indistinctly striated above, the lower half of the last whorl, towards the base, being perfectly smooth. The mouth is round, peristome continuous, expanded, and triangularly reflexed over the columellar margin.

4. ΟΤΟΠΟΜΑ CONSIMILE, n.sp. Pl. I, Figs. 5-7.

O. testa umbilicata, depresso-conica, albo-calcareo, crassiuscula, anfractibus $4\frac{1}{2}$, sub lente clathrato-liratulis, ultimo anfractu apud medium et infra ad basim perlevis, nitido, apertura rotunda, peristomate incrassato, continuo, marginem ad columellarem paullum effuso, umbilicum nequaquam obtegente. Long. 8, lat. 10 mm.

Hab.—Dhofar.

Very similar to the last species (*O. Dhofarense*), but differing in being markedly more depressed. The sculpture of both species is to a great extent the same, though clearer and sharper in this shell. Two specimens, one juvenile, and showing transverse sculpture on the basal half of the last whorl, which is probably the case in all the immature specimens of this section of the genus *Otopoma*.

5. ΟΤΟΠΟΜΑ ΗΑΔΡΑΜΑΥΤΙΚΟΝ, n.sp. Pl. I, Figs. 1-3.

O. testa incrassata, globoso-conica, subnitente, ochraceo-fulva, anfractibus quinque, ventricosulis, supra striatulis, ultimo ad basim levissimo, in medium apud peripheriam cingulo fulvo decorato, callo umbilicari albido, nitido, apertura rotunda, peristomate paullum reflexo. Long. sp. maj. 16 mm., lat. 18 mm.

Hab.—Dhofar.

Three mature specimens, and a fourth, evidently an immature shell, showing a deep umbilicus. The smallest of these four (long. 13, lat. 15 mm.) is in live condition with operculum, and of a warm

